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Department of Parks and
Recreation - Capital
Planning & Design

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[SPECIFICATIONS FOR RECREATION CENTERS FACILITIES]

THIS DOCUMENT OUTLINES MINIMUM DESIGN STANDARDS THAT SHOULD BE TAKEN INTO CONSIDERATION WHILE DESIGNING ANY RECREATION CENTER FACILITY.

EXHIBIT C - Specifications for Recreation Centers Facilities

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Introduction

Definition of Recreation Centers specifications

Recreation centers facilities provide a range of activities and services that encourage community cohesion, improve public health, foster civic bonds and quality of life. They are considered by the department of parks and recreation as a highly important community resource.

Regarding the facility's anticipated uses, the present document outlines minimum design standards that should be taken into consideration while designing any recreation center facility. It addresses the individual spaces required in the building and the desired characteristics of each space in general terms.

Principal aims and objectives of this document

The review of Recreation centers facilities has been undertaken to guide future planning across DC. Provision of RC facilities has been considered in terms of quality, quantity and accessibility.

The main objectives are:

1. Set up a pre-design definition of a recreation center facility for the 4 types;
2. List the space requirements in the facility;
3. Explain the Functional relationships;
4. Define the building system requirements;
5. Address the desired characteristics of each space including furniture and equipment with their description.

A successful RC Specifications process

Planning and development of all recreation centers facilities is a collaborative process involving the neighborhood citizens, the community leaders and all relevant departments like the local police and fire chiefs who should be asked for input on safety for example. Community consultation with residents in the identification of the RC program is an important principle in the development of the DPR facilities. Meetings have to be held at least 3 times : predesign phase, final design phase and the kick off meeting with the BD firm to start the construction.

DPR conduct the needs assessment each 5 years for determining and addressing needs, or "gaps" between current conditions and desired conditions or "wants" of DC population. It also provides an indication of public opinion and some meaningful statistics. **Add statistics or any relevant data from surveys.**

Recreation centers specifications Content

The following categories are the contents of each indoor and outdoor spaces:

1. Purpose;
2. Users;

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3. Activities;
4. Space requirements;
5. Spatial relationships;
6. Finishes;
7. Doors & windows;
8. Building system requirements:
 - a. Mechanical;
 - b. Plumbing;
 - c. Electrical & lightning;
 - d. Technology.
9. Furniture & equipment;
10. Special considerations.

OVERVIEW

DPR vision

To be America's Gold Standard for Parks and Recreation agencies and to be THE place in the District of Columbia *where the fun happens*.

DPR Mission

To provide equal and open access to Gold Standard recreational programs, services, and facilities – across all 8 Wards.

Recreation Centers facilities

Recreation centers are everywhere in the city. DPR provides essential recreation services to residents, workers, and visitors. The District owns and manages 73 recreation centers throughout the District's neighborhoods, which gives it one of the highest number of recreation centers per capita nationwide.

Recreation Center facilities include all indoor community halls and areas, regardless of size, and indoor youth and senior centers. Many of the facilities are multi-functional, providing local space for early childhood education; computer labs; classrooms; gymnasiums; fitness rooms and others. Some of the larger facilities also offer sport, recreation opportunities and aquatics facilities.

Classification

DPR plans for the provision of recreation centers facilities according to a classification corresponding to the residential development units outlined in the DC.Census. The hierarchy is based on the neighborhood as the central core and radiates to larger units and special uses. The RC classification consists of **Neighborhood Center-NC, Urban Center-UC, Community Center-CC and District Center-DC**.

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Neighborhood Center-NC	7,500 – 15,000 SF	1 Mile from every resident
Purpose	NC is small-scale, focusing on.....	
Function		
Size	Min:	
	Max:	
Capacity		
Urban Center	15,000 – 30,000	1.5 Miles from every resident
Purpose		
Function		
Size	Min:	
	Max:	
Capacity		
Community Center-CC	30,000 – 50,000	2 Mile from every resident
Purpose		
Function		
Size	Min:	
	Max:	
Capacity		
District Center-DC	60,000 – 90,000	3 Mile from every resident
Purpose		
Function		
Size	Min:	
	Max:	
Capacity		

GENERAL SPECIFICATIONS

Principles/laws/guidelines!?

It is important to point out that LEED Certification is a desired outcome. The building design and construction of all DPR facilities are green buildings under LEED v4. and most of the following specifications are including USGBC requirements.

Site selection

Location

DPR develops its projects on appropriate sites in areas with existing infrastructure, avoiding all sensitive lands. DPR's work aims to reduce the environmental impact of new projects.

It is desirable that the site's location is within the boundary of a development certified under LEED for Neighborhood Development (Stage 2 or Stage 3 under the Pilot or 2009 rating systems, Certified Plan or Certified Project under the LEED v4 rating system).

All DPR's projects promote walkability and target 1 Mile of home for every resident which reduces motor vehicle use, thereby reducing greenhouse gas emissions, air pollution, and other

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environmental and public health harms associated with motor vehicle use. The projects are also located on a site whose surrounding existing density within a ¼-mile radius of the project boundary.

Play fields should not be placed in low lying areas prone to retaining water.

DPR assesses site conditions before design to evaluate sustainable options and inform related decisions about site design.

Size

The site's size must meet the minimum state requirements for size for all the different facilities : **Neighborhood Center-NC, Urban Center-UC, Community Center-CC and District Center-DC.**

External appearance

The recreation center (RC) boundaries are to be configured in such a way as to optimize visual access into the site and to the building.

Structures

Structures should be designed to resist vandalism.

Public Safety and Security

RC users' safety is an important component of recreation centers design and must be considered early in the design process.

Prior to construction, RC designs should be reviewed by the appropriate division to ensure pedestrian linkages are consistent with the neighborhood existing pedestrian infrastructure.

Accessibility

Accessibility for people with disabilities is a priority for the DPR, and all the facilities should strive for an overall environment which is accessible and provides a fulfilling recreational experience for all people.

To ensure comprehensive accessibility, the design and construction of RC amenities should comply with current **design standards for accessibility.**

Parking is a requirement in the design of RCs and is incorporated based on the program function but in the meanwhile it mustn't exceed the minimum local code requirements for parking capacity.

If the intent is to use on-street parking for users of the RC, it is desirable to provide a sidewalk adjacent to the curb to connect to RC accesses.

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DPR installs electrical vehicle supply equipment (EVSE) in 2% of all parking spaces used by the project and clearly identifies and reserves these spaces for the sole use by plug-in electric vehicles.

Environmental Conditions

RC design should recognize and, where possible, take advantage of natural site features including sloping land, existing vegetation, riverbank areas, and water bodies identified in a early stage of the site selection.

Protect key natural and cultural resources that are valuable to the community (Complete from the LEED certification rating system).

Community Use

The recreation centers facilities provide a wide range of services. (List all the services provided by RC)

SPECIFIC SPECIFICATIONS

Indoor spaces

Entrance, Lobby and Reception

- All entrance doors should have push button automatic door openers for maximum ADA accessibility.
- Main entrance door should include a “People Counter” system. BOD – SenSource ClearCount 3DX with AI.
- Reception desk must be ADA accessible and able to accommodate at least two employees as well as infrastructure to support a third computer station for security camera monitoring.
- Lobby should be welcoming include:
 - DPR Signage
 - Wall-mounted 72” televisions
- Reception Desk should include:
 - One desktop computer (per staff member stationed at reception desk)
 - One desktop computer for security camera.
 - Electrical and data outlets needed to operate the computers, phones, and another other systems housed at reception desk.
 - Telephone (one per employee stationed at reception desk).
 - Task Chairs (KI Furniture, Altus Mesh – ALTMFA – Plastic Base, Hard Floor Casters, Color – Grey Mesh)
 - Actual desk should provide access to accommodate a visitor that might arrive in a wheelchair.

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Staff Office

- Should house AED machine (LIFEPAK Series 1000 Defibrillator System; Both Infant and Adult Both baby and adult pads are required and a wall cabinet for storage)
- Rectangular Workstations (KI Furniture, 700 Desking System, Base Color – North Sea, Top Color – Kensington Maple)
- Task Chairs (KI Furniture, Altus Mesh – ALTMFA – Plastic Base, Hard Floor Casters, Color – Grey Mesh)
- Couch (KI Furniture, Size TBD, Flex Multiple FO33)
- Filing Cabinets
- PA System

Locker Rooms

- SF determined by code requirements
- Slip-Resistant Epoxy flooring with EBC base
- ACT ceiling
- Tile on walls: running bond throughout
- Sanitary disposal bin; Bobrick (B-277 Surface Mounted)
- Toilet paper dispenser; Bobrick (B-2892)
- Grab bar – transfer shower; Bradley Corp (812 series – safe grip)
- Grab bar – toilet; Bradley Corp (812 series – safe grip)
- Baby changing seat; Koala Care (KB110-SSWM)
- Hand dryer; Bradley Corp (2902-2874 SS)
- Mirrors as recommended
- ADA shower seat; Bradley Corp (Reversible shower seat 9569)
- Changing bench with back ADA; Hollman Inc. (Butcher Block Bench 20”W x 48”L x 18”H w/ stainless steel “T” legs and back supports)
- Changing bench ADA; Hollman Inc. (Butcher Block Bench 20”W x 48”L x 18”H w/ stainless steel “T” legs)
- Standard toilet partition; Bradley Corp (Charcoal Gray S215)
- ADA stall partition; Bradley Corp (Charcoal Gray S215)
- Urinal partition; Bradley Corp (Charcoal Gray S215)
- Lockers – qty TBD by Bradley Corp (Lenox – Deep Blue 12”W x 18”D x 72”H)
- High low water fountain
- Soap dispenser; Bradley Corp (Model 6326, 6326-68 SS Satin Finish). No soap dispensers should be mounted onto the mirrors.
- Shower curtain rod; Bradley Corp (9539 – SS Satin Finish)
- Counter sink system
- ADA compliant bench (20”W x 48”L x 18”H; Body – Stainless Steel; Color – Maple)
- No feminine hygiene dispensers should be installed in the women’s locker rooms or restrooms.

Multipurpose Room

- Folding Tables (KI Furniture, Piroette Table, 30” x 60”, Collaborative Rectangular Legs w/ Casters, Body Color – Black, Top Color – Kensington Maple)

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- Stackable Chairs (KI Furniture, Apply Stack Chair ALNAP, Body Color – Black, Upholstery Color – Kensington Maple)
- Rubber Tile Flooring
- White Boards: US Maker Board Model No. PSM152A
- Should include Window Shades
 - Spring-Assist Manual Shade System by Draper
 - Fabric: Greenscreen Evolve
 - Color: Natural
 - Openness Factor: 1%
 - Average Fabric Thickness: 0.027”
 - Average Fabric Weight: 8.41 ounces per square yard

Kitchen (Demonstration)

- Typically larger than warming kitchen
- CT flooring
- Cabinets
- Stainless steel countertops
- Three compartment stainless steel sink (should be ADA accessible)
- Icemaker
- Induction Cooktop; General Electric Model No. PHP9036DJBB
- Microwave; General Electric Model No. PEB9159SF-SS
- Double Oven; General Electric Profile Series PK7500SF-SS
- Double Wall Oven; General Electric Model No. GE Café Series COMB30” CT9800SHSS
- Refrigerator; Continental Model No. 1RE-SS
- Freezer; Continental Model No. 1FE-SS
- USDA Dual Temp Refrigerator; Continental Model No. 2RFE-SS
- Dishwasher; General Electric Model No. GLDT696DSS
- Prep Table; Michigan Maple Block Model F-Style Open Base – Custom Size 49”x28”x34”
- High Stool with Back; KI Furniture 800 Series: 24” Height, Regular w/ Back Frame: Black. Seat: Fabric. E Vinyl Reflection
- White Boards: US Maker Board Model No. PSM152A

Kitchen (Warming)

- Typically 250-300 SF or less
- CT flooring
- Cabinets
- Countertops
- Sink should be ADA accessible
- Induction Cooktop; General Electric Model No. PHP9036DJBB
- Microwave; General Electric Model No. PEB9159SF-SS
- Double Oven; General Electric Profile Series PK7500SF-SS
- Double Wall Oven; General Electric Model No. GE Café Series COMB30” CT9800SHSS

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- Refrigerator; Continental Model No. 1RE-SS
- Freezer; Continental Model No. 1FE-SS
- USDA Dual Temp Refrigerator; Continental Model No. 2RFE-SS
- Dishwasher; General Electric Model No. GLDT696DSS
- White Boards: US Maker Board Model No. PSM152A

Computer lab

- Furniture (TBD)
- Harddrive
 - OptiPlex 7040SFF
 - Intel® Core™ i7-6700 Processor (Quad Core, 8MB, 8T, 3.4GHz, 65W)
 - 8GB (2x4G) 2133MHz DDR4 Memory
 - 3.5 inch 500GB 7200rpm Hard Disk Drive
- Monitor
 - Dell 24 Monitor E2417H
 - Manufacturer Part JGD2D
 - Dell Part 210-AIWG
- Adapter
 - Dell Adapter – DisplayPort to DVI Single-Link
 - Manufacturer part 8K5HD
 - Dell part 470-AANH
- White Board: US Maker Board Model No. PSM152A
- Printers/Copiers are not part of Capital FF&E package.

Boxing room

- Typically 1,800 – 2,000 SF
- 20' x 20' Title Competition Boxing Ring
- STRK 80 – Title Titanic Flex-Strike Heavy Bags (80 lbs), Color Black
- STRK 110 – Title Titanic Flex-Strike Heavy Bags (110 lbs), Color Black
- RESSB M RD – Reyes Speed Bag Medium, Size 7 x 10, Color Red
- RESSB M RD – Reyes Speed Bag Medium, Size 6 x 9, Color Red
- Lockers
- Seating
- Drinking Fountain (Halsey Taylor Bi-Level HAC Cooler with Hydroboost Bottle Filler, Model HTHB-HAC8BLWF & HTHB-HACDBLWF)
- Sound System
- Ceiling Fans; “AirVolution” Model 370, size & qty TBD based on room size

Fitness room

- Size dependent on facility
- High impact rubber flooring; 8mm interlocking tiles (Metron Series Blue MF 21)
- Wall mirrors
- Water Fountain (Halsey Taylor Bi-Level HAC Cooler with Hydroboost Bottle Filler, Model HTHB-HAC8BLWF & HTHB-HACDBLWF)
- Day lockers

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- Wall-Mounted Purell® 9019-01 White Sanitizing Wipes Wall Dispenser
- Ceiling Fans; “AirVolution” Model 370, size & qty TBD (based on ceiling height and room size)
- Wall-mounted 72” televisions (quantities TBD by spatial constraints)
- 50 SF storage room
- Cybex fitness equipment (quantities TBD by spatial constraints)
- Cybex 770T Treadmill
- Cybex 770AT Total Body Arc Trainer
- Cybex 625 C Upright Cycle
- Cybex 625R Recumbent Cycle
- Cybex Free Weights 50lb, 100lb
- Cybex Adjustable Dumbbell Bench
- Cybex Leg Press
- Cybex Twin Tier Dumbbell Rack w/ Backstop
- Cybex Bravo w/ Progress Stabilization
- Cybex VR1 Dual Multi-Press
- Cybex VR1 Dual Leg Extension/Curl

Gymnasium

- Typically 8,000 – 9,000 SF
- 84’ x 50’ basketball court with at least 8’ buffer between any walls or bleachers.
- Cross basketball courts (2): 59’ x 42’
- Volleyball court (1): 59’ x 29.5’
- Six (6) rear-folding, rear-braced basketball goal systems
- Volleyball sleeves per manufacturer’s recommendations
- 2” thick wall padding x 6’ tall
- Scoreboard; Daktronics model BB-2125 (BOD)
- Scoring console; Daktronics All Sport 500 Series controller (BOD)
- Standard maple basketball flooring affixed to concrete slab
- Gym striping listed in order of predominance: 1) Main Basketball 2) Main Volleyball 3) Cross Basketball. Note that all game lines should be 2” wide. Intersecting game lines shall be separated by a natural break
- Gym dividers (reinforced vinyl with fully padded batten, no exposed hardware) with electric motor system; 115-volt actuator.
- Telescoping bleacher system
- DPR logo to be painted within center court circle (graphic/striping layout to be provided by owner)

Senior Room / Lounge

- Counter Sink
- 72” Wall-Mounted Television
- Lounge Chair (KI Furniture, Jessa Lounge Chair # 5623/NC)
- Lounge Loveseat (KI Furniture, Jessa Lounge Loveseat # 5633/NC)
- Lounge Sofa (KI Furniture, Jessa Lounge Sofa # 5643/NC)

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- Counter Sink
- Microwave
- Dishwasher
- Refrigerator
- Storage Room
- Nesting Tables & Nesting Chairs for Activities
- Should include at least one storage room

Teen Room / Lounge

- Storage Room
- Pool Table; Mfr: Olhausen, Model: Grand Champion – 8', Black Laminate
- Table Tennis; JOOLA 3000SC
- Lounge Chairs (KI Furniture, Sway Chair Lounge Chair)
- Ottomans (KI Furniture, Sway Ottaman)
- Bar Stools (KI Furniture, Apply Café Stool 30”H / Café Stool 30”)
- Bar Tables (KI Furniture, Athens Café Table 4 Column AH4R3042P-54B 74P, 42”H, 30” Dia. Powder Coat)
- Multiple Seating (KI Furniture, Logix Seating 12 Degree Curved 30x30x30 w/ back)
- Coffee (End) Table (KI Furniture, Narrow Table 12x30)
- 72” Wall-Mounted Television

Indoor Pool Locker Rooms

- BOD: Suitemate swimsuit water extractor 115V. Provide with direct drain to p-trap.

Children’s Co-op Room

- 750-1,000 SF
- Slip-Resistant Epoxy flooring with EBC base
- ACT ceiling
- Should contain one shared restroom for child users
- Should contain a double-sink and counter space
- Should contain a storage supply closet

Restroom (Family)

- 60-75 SF
- Slip-Resistant Epoxy flooring with EBC base
- ACT ceiling
- Tile on walls: running bond throughout
- Same restroom fixtures and accessories as described in Locker Room requirements
- Should contain Baby Changing Station

Restroom (Men’s Standard)

- Size dependent on facility
- Slip-Resistant Epoxy flooring with EBC base
- ACT ceiling

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- Tile on walls: running bond throughout
- Same restroom fixtures and accessories as described in Locker Room requirements
- Should contain Baby Changing Station

Restroom (Women's Standard)

- Size dependent on facility
- Slip-Resistant Epoxy flooring with EBC base
- ACT ceiling
- Tile on walls: running bond throughout
- Same restroom fixtures and accessories as described in Locker Room requirements
- Should contain Baby Changing Station
- Please DO NOT INCLUDE Sanitary Napkins Dispensers in any locker room or restroom.

Storage Room

- Size dependent on facility
- Should contain shelving and storage rack system
- SC flooring with CRB base
- EST ceiling

Doors and windows

- Main entrance should have push button automatic opening for ADA.

Electrical Room

- Typically 60-80 SF
- SC flooring with CRB base
- EST ceiling

Mechanical Room

- Typically 80-100 SF
- SC flooring with CRB base
- EST ceiling

Flagpoles

- Suggested Manufacturers:
 - The Baartol Company, Inc.: www.baartol.com
 - Pole-Tech Company, Inc.: www.poletch.com
- Pole Design: Cone tapered
 - Pole: Stainless Steel; ASTM 3212 TP04 grade
 - Mounting: Wall mounted type, 30 degrees inclusive angle outrigger
 - Outside Butt Diameter: 4 inches
 - Outside Tip Diameter: 1-3/4 inches
 - Nominal Wall Thickness: 0.125 inches
 - Halyard: Interior Type
- Performance Requirements:

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- Flagpole with Flag Flying: Resistant without permanent deformation to 95 miles/hour wind velocity; non-resonant safety design factor of 2.5
- Cybex Leg Press
- Accessories:
 - Finial Ball: Aluminum, 6 inch diameter
 - Truck Assembly: Stainless steel, revolving, stainless steel ball bearings, non-fouling
- Flags:
 - United States of America and District of Columbia design, 48 x 72 inch size, weather and UV-resistant fabric, brass grommets, hemmed edges
- Operators:
 - Motor: NEMA, MG 1
 - Wiring Terminations: Provide terminal lugs to match branch circuit conductor quantities, sizes, and materials indicated. Enclose terminal lugs in terminal box sized to NFPA 70.
 - Disconnect Switch: Factory mount disconnect switch in control panel
- Mounting Components:
 - Wall Support Assembly: Stainless steel; round: one-piece assembly, back-plate for through bolting with galvanized steel anchor bolts and cover
 - Lightning Ground Rod: 18 inch long copper rod, 3/4 inch diameter
 - Lighting Ground Cable: Copper No. 6 AWG, soft drawn

IT Server Room

- Typically 100 SF
- Should be 10' x 10' per OCTO
- Storage racks per OCTO requirements
- SC flooring with CRB base
- Should have separate air conditioning to keep room cool

Janitor's Closet

- Typically 65-70 SF
- Epoxy flooring with EBC base
- EST ceiling
- Mop sink

Keying

- Best System's Cormax by Stanley Security
- Keying should be on H Keyway; Biting Codes provided by DGS Locksmith Melvin Bates.

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Lobby & Reception

Purpose	Users	Activities
	-Typically contains at least one staff member and computer	
Space requirements		
Spatial relationships		
Finishes	Building system requirements	Furniture & Equipment
-Carpet mats needed if flooring is exposed concrete	<p>Mechanical:</p> <p>Plumbing:</p>	-Drinking Fountain (Halsey Taylor Bi-Level HAC Cooler with Hydroboost Bottle Filler, Model HTHB-HAC8BLWF & HTHB-HACDBLWF)
Doors & windows	<p>Electrical & lightning:</p> <p>Technology:</p>	Special considerations
		<ul style="list-style-type: none"> - Should contain signage stating name of facility (previously approved by DPR Communications) -Should contain Dedication Plaque (previously approved by DPR Communications), 18"x 24" Dark Walnut Wood Plaque, Brushed Silver Face, Laser Engraved Black Text. Dedicated plaque should be approved by DPR Communications before being ordered. -Should contain DPR CAPRA Banner - Should contain Framed Fire Evacuation Plan

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Staff office

Purpose	Users	Activities
	-Typically contains at least one staff member and computer	
Space requirements		
-Typically 125-150 SF		
Spatial relationships		
Finishes	Building system requirements	Furniture & Equipment
	Mechanical: Plumbing:	
Doors & windows	Electrical & lightning: Technology:	Special considerations
-Should have a window facing the main public entrance		

EXHIBIT C - Specifications for Recreation Centers Facilities

Outdoor spaces

DPR creates exterior open space that encourages interaction with the environment, social interaction, passive recreation, and physical activities.

Tennis court

Basketball Court

Playground

Outdoor pool

Skate Park

Spray Park

Outdoor Fitness

Dog Park

Walking path / Track

Bicycle Storage and Shower Rooms

Bicycle storage must be within 100 feet (30 meters) walking distance of any main entrance.

Security

- Color mini-dome cameras (locations TBD by DGS PSD)
- CCTV Client viewing stations
- Card Reader Doors
- Glass Break Detectors
- 360 Degree Motion Detectors
- Burglar Alarm Sirens
- Rs2 E-Burg License
- DMP XR550 Burglar Alarm Panel
- Camera Power Supply (Altronix ALTV1224C)
- Milestone Husky Network Video Recorder “NVR” M50-Series 16 Channels (to include equipment rack, monitor, rack rails, rack mounted UPS and rack mount KM)
- Control Panel Site (EP-1502 Controller, NCL8-SPW Enclosure, LIN-PS Power Supply)
- All exit doors (besides main entrance) should have panic bars that activate alarm to prevent theft and access in and out of facility other than main entrance.

Signage

- Each room should have occupancy limits (posted on exterior of the room)

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- Each room should have signage indicating the name of the room (posted on exterior of room). If a sign is placed on glass, please provide a second sign on the other side of glass to hide glue or other adhesives.
- Signage should be placed on the latch side of door
- Signage should be 1/8" thick, precision cut brushed aluminum, laminated onto black PVC backer with DF tape and silicon to wall.
- Signage lettering should be 1" high, raised; Text should be 5/8"
- Center of door signage should be mounted 4'-6" from FFE and 10" from side of door to center of raised lettering

General

- Each new facility should be "generator ready"
- All windows should have film or shades to reduce glare
- Rooftops should include solar panels OR be "solar ready"

Lighting

- As few different fixtures as possible for ease of maintenance
- LED, Motion-Sensored

Systems

TBD